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Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2018 - Continues

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2015 - 2018

Undergraduate, Ondokuz Mayıs University, Faculty Of Engineering, Bilgisayar Mühendisliği, Turkey 2009 - 2013

Foreign Languages

English, C1 Advanced

Research Areas

Computer Sciences, Computer Vision, Computer Vision, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **MLFAN: Multilevel Feature Attention Network With Texture Prior for Image Denoising**
ULU A., Yildiz G., DİZDAROĞLU B.
IEEE ACCESS, vol.11, pp.34260-34273, 2023 (SCI-Expanded)
- II. **GOALALERT: A novel real-time technical team alert approach using machine learning on an IoT-based system in sports**
Karakaya A., ULU A., Akleylek S.
Microprocessors and Microsystems, vol.93, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Creating an Optimal Ad Hoc Network in Internet of Vehicles with Artificial Neural Networks**
ÖZTÜRK E., ULU A., ÇAVDAR T.
International Journal of 3D Printing Technologies and Digital Industry, vol.3, pp.254-260, 2019 (Peer-Reviewed Journal)

- II. **Prevent the Transmission of Useless Repeated Data to the Network in Internet of Things**
ÖZTÜRK E., ULU A., ÇAVDAR T.
TURKISH JOURNAL OF ENGINEERING, vol.3, no.1, pp.39-42, 2019 (Peer-Reviewed Journal)
- III. **Prevent the Transmission of Useless Repeated Data to the Network in Internet of Things**
ÖZTÜRK E., ULU A., ÇAVDAR T.
TURKISH JOURNAL OF ENGINEERING, vol.3, no.1, pp.39-42, 2019 (Peer-Reviewed Journal)
- IV. **Prevent the Transmission of Useless Repeated Data to the Network in Internet of Things**
ÖZTÜRK E., ULU A., ÇAVDAR T.
TURKISH JOURNAL OF ENGINEERING, vol.3, no.1, pp.39-42, 2019 (Peer-Reviewed Journal)
- V. **RENKLİ İMGELERDE ÇOKLU GÜRÜLTÜ GİDERME İŞLEMİ İÇİN İKİ AŞAMALI BİR YÖNTEM GELİŞTİRİLMESİ**
ULU A., ÖZEN Y., ÖZTÜRK E., DİZDAROĞLU B.
INTERNATIONAL JOURNAL OF 3D PRINTING TECHNOLOGIES AND DIGITAL INDUSTRY, vol.2, no.3, pp.22-29, 2018 (Peer-Reviewed Journal)
- VI. **Renkli İmgelerde Çoklu Gürültü Giderme İşlemi İçin İki Aşamalı Bir Yöntem Geliştirilmesi**
Ulu A., Özen Y., Öztürk E., Dizdaroğlu B.
International Journal of 3D Printing Technologies and Digital Industry, vol.2, no.3, pp.22-29, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Image Denoising with Transformers: A Survey**
ULU A., KARAKAYA A., DİZDAROĞLU B.
in: Smart Solutions with Software, Eyyüp GÜLBANDILAR, Editor, BIDGE Publications, Ankara, pp.86-101, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **A Review on Latest Developments in Post-Quantum Based Secure Blockchain Systems**
Karakaya A., ULU A.
11th International Symposium on Digital Forensics and Security, ISDFS 2023, TN, United States Of America, 11 - 12 May 2023
- II. **A Novel Mobile Malware Detection Model Based on Ensemble Learning**
Karakaya A., ULU A.
2023 Innovations in Intelligent Systems and Applications Conference, ASYU 2023, Sivas, Turkey, 11 - 13 October 2023
- III. **Multiple Noise Removal in Colour Images**
ULU A., ÖZEN Y., ÖZTÜRK E., DİZDAROĞLU B.
3rd International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry, Antalya, Turkey, pp.1
- IV. **Multiple Noise Removal in Colour Images**
ULU A., ÖZEN Y., ÖZTÜRK E., DİZDAROĞLU B.
3rd International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry, Antalya, Turkey, pp.1
- V. **Creating An Optimal Ad Hoc Network İn Internet Of Vehicles With Artificial Neural Networks**
ÖZTÜRK E., ULU A., ÇAVDAR T.
4th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2019, Antalya, Turkey, 11 - 14 April 2019, pp.503-508
- VI. **Mobil Cihazlarda Dokunma Dinamiği Tabanlı Kimlik Doğrulama Üzerine Bir Derleme**
ULU A., ÖZTÜRK E.

4th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2019, Antalya, Turkey, 11 - 14 April 2019, pp.586-591

VII. **İmge Gürültü Azaltma Algoritmaları için Bir Derleme**

Ulu A., Öztürk E., Dizdaroğlu B.

International Artvin Symposium'18 (IAS'18), Artvin, Turkey, 18 - 20 October 2018, pp.79

VIII. **Veri Tipinin Mobil Cihazlarda Dokunma Dinamiği Tabanlı Kimlik Doğrulama için Etkisi**

Ulu A., Öztürk E., Dizdaroğlu B.

International Artvin Symposium'18 (IAS'18), Artvin, Turkey, 18 - 20 October 2018, pp.1046-1054

IX. **Multiple Noise Removal in Colour Images**

ULU A., ÖZEN Y., ÖZTÜRK E., DİZDAROĞLU B.

3rd International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry, Antalya, Turkey, 19 - 21 April 2018, pp.1-7

X. **Prevent the Transmission of Useless / Repeated Data to the Network in Internet of Things**

ULU A.

3rd International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry, Antalya, Turkey, 19 - 21 April 2018, pp.1-4

XI. **Automated removal of Gaussian noise in color images Renkli İmgelerde Gauss Gürültüsünün Otomatik Giderilmesi**

ULU A., Dizdaroğlu B.

25th Signal Processing and Communications Applications Conference, SIU 2017, Antalya, Turkey, 15 - 18 May 2017

XII. **Automated Removal of Gaussian Noise in Color Images**

ULU A., DİZDAROĞLU B.

25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

XIII. **Variational Additive Noise Removal of Color Images**

ULU A., DİZDAROĞLU B.

24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1385-1388

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